

ABSTRACT OF THE DISCLOSURE

A warning system for an automotive vehicle produces a vibration in the vehicle simulating a rumble strip to inform a driver of various events.

- 5 A vibration with braking torque is produced by controlling individually brake fluid pressure in each wheel brake cylinder, independently of manual braking operations. The warning system is applied to a lane deviation prevention (LDP) system. The LDP system provides a warning with vibration and a control effort of yawing moment by wheel torque or
- 10 steering torque.